

CLAIMS

1. A polyphenylene ether based resin composition comprising (a) from 10 to 93% by weight of a polyphenylene ether based resin and optionally a styrene based resin, (b) from 2 to 20% by weight of a styrene based thermoplastic elastomer modified with an imidazolidinone compound, and (c) from 5 to 60% by weight of an inorganic filler that has been surface treated with a silane compound.

2. The polyphenylene ether based resin composition according to claim 1, wherein the inorganic filler as the component (c) is a mineral filler that has been surface treated with a mercaptosilane compound.

3. The polyphenylene ether based resin composition according to claim 1 or 2, wherein the inorganic filler as the component (c) is a clay that has been surface treated with a mercaptosilane compound.

4. The polyphenylene ether based resin composition according to any one of claims 1 to 3, having higher impact strength and an elongation at break than a resin

composition consisting only of the component (a) and the component (c).

5. A polyphenylene ether based resin composition comprising 100 parts by weight of the resin composition according to any one of claims 1 to 4 and (d) from 5 to 30 parts by weight of an aromatic phosphoric ester based flame retarder.